

## PATENT ABSTRACTS OF JAPAN

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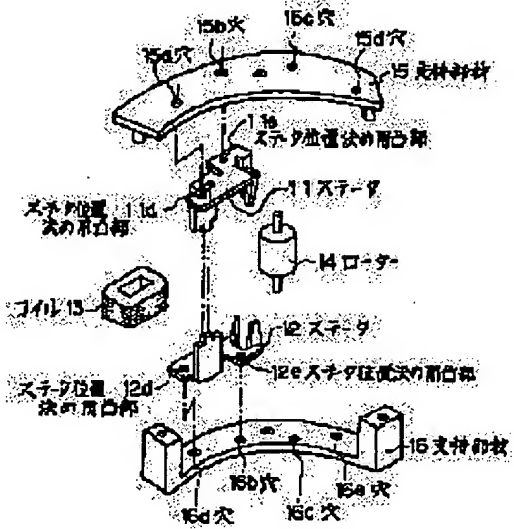
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## (54) STEPPING MOTOR

## (57)Abstract:

**PURPOSE:** To fasten a pair of an upper and a lower stator with accuracy by forming a projecting section for provisional positioning at an end of an iron core of each stator and inserting the projecting section of one stator into a long hole of the other stator through a coil and then by assembling the pair of the stators and then by inserting a plurality of projecting sections for stator positioning of each supporting member into corresponding holes.

**CONSTITUTION:** First, projecting sections for positioning a stator 12d, 12e of a stator 12 are inserted into holes 16a, 16b formed in a supporting member. After that, a coil 13 is put on the iron core of the stator 12 and then the iron core of a stator 11 is so inserted into the coil 13 that the inside face of the iron core of the stator 11 may be tightly attached to that of the iron core of the stator 12. At the same time, the projecting section for provisional positioning of the stator 11 is inserted into a long hole of the stator 12 and that of the stator 12 is inserted into a long hole of the stator 11. Next, a rotor 14 is fit in with a hole of the supporting member 16 and projecting sections for positioning a stator 11d and 11e of the stator 11 are inserted into holes 15a, 15b of a supporting member 15. Thus, the rotor 14 and a pair of the stators 11, 12 are assembled between a pair of the supporting members 15 and 16 and are fastened.



## LEGAL STATUS

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